



- 1 -

SEQUENCE LISTING

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TECH CENTER 1600/2600

<110> Hansen, Mark R.  
Kho, Richard  
Villar, Hugo O.

<120> METHODS FOR DETERMINING POLYPEPTIDE  
STRUCTURE, FUNCTION OR PHARMACOPHORE FROM COMPARISON OF  
POLYPEPTIDE SEQUENCES

<130> 66692-042 (TB5067)

<140> 10/032,395

<141> 2001-12-21

<160> 4

<170> FastSEQ for Windows Version 4.0

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<211> 177

<212> PRT

<213> E. coli

<400> 1

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Thr	Leu	Asp	Val	Val	Arg	His	Asn	Pro	Glu	His	Phe	Arg	Val	Val	Ala
			20					25					30		
Leu	Val	Ala	Gly	Lys	Asn	Val	Thr	Arg	Met	Val	Glu	Gln	Cys	Leu	Glu
		35					40					45			
Phe	Ser	Pro	Arg	Tyr	Ala	Val	Met	Asp	Asp	Glu	Ala	Ser	Ala	Lys	Leu
	50					55				60					
Leu	Lys	Thr	Met	Leu	Gln	Gln	Gln	Gly	Ser	Arg	Thr	Glu	Val	Leu	Ser
65					70				75					80	
Gly	Gln	Gln	Ala	Ala	Cys	Asp	Met	Ala	Ala	Leu	Glu	Asp	Val	Asp	Gln
			85					90					95		
Val	Met	Ala	Ala	Ile	Val	Gly	Ala	Ala	Gly	Leu	Leu	Pro	Thr	Leu	Ala
			100					105					110		
Ala	Ile	Arg	Ala	Gly	Lys	Thr	Ile	Leu	Leu	Ala	Asn	Lys	Glu	Ser	Leu
		115					120					125			
Val	Thr	Cys	Gly	Arg	Leu	Phe	Met	Asp	Ala	Val	Lys	Gln	Ser	Lys	Ala
	130					135					140				
Gln	Leu	Leu	Pro	Val	Asp	Ser	Glu	His	Asn	Ala	Ile	Phe	Gln	Ser	Leu
145					150				155					160	
Pro	Gln	Pro	Ile	Gln	His	Asn	Leu	Gly	Tyr	Ala	Asp	Leu	Glu	Gln	Asn
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Gly															

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<211> 147  
 <212> PRT  
 <213> S. aureas

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 1 5 10 15  
 Ser Ala Phe Leu Asp Gln Leu Leu Ala Met Lys Ser Thr Ile Thr Tyr  
 20 25 30  
 Asn Leu Val Leu Leu Ala Glu Ala Glu Arg Ser Leu Ile Ser Lys Asp  
 35 40 45  
 Phe Ser Pro Leu Asn Val Gly Ser Asp Trp Lys Ala Ala Leu Ala Ala  
 50 55 60  
 Ser Thr Thr Lys Thr Leu Pro Leu Asp Asp Leu Ile Ala His Leu Lys  
 65 70 75 80  
 Thr Ser Pro Lys Pro Val Ile Leu Val Asp Asn Thr Ser Ser Ala Tyr  
 85 90 95  
 Ile Ala Gly Phe Tyr Thr Lys Phe Val Glu Asn Gly Ile Ser Ile Ala  
 100 105 110  
 Thr Pro Asn Lys Lys Ala Phe Ser Ser Asp Leu Ala Thr Trp Lys Ala  
 115 120 125  
 Leu Phe Ser Asn Lys Pro Thr Asn Gly Phe Val Tyr His Glu Ala Thr  
 130 135 140  
 Val Gly Ala  
 145

<210> 3  
 <211> 8  
 <212> PRT  
 <213> E. coli

<220>  
 <221> VARIANT  
 <222> 3  
 <223> Xaa=any amino acid

<400> 3  
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 1 5

<210> 4  
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 <212> PRT  
 <213> S. cerevisiae

<400> 4  
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 1 5